

**REMARKS**

**Status of the Claims:**

The Office Action dated March 1, 2006 has been received and reviewed by the applicant. Claims 1-8 and 25 are pending in the application. Claims 1-8 and 25 stand rejected.

***Claim Rejection - 35 USC §103***

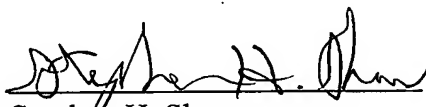
Claims 1-8, and 25 were rejected under 35 U.S.C. 103(a) as being unpatentable over Takagi (WO 200181660 A1) in view of Cann (U.S. Patent No. 5,340,401). Takagi (20030108672) is being used as the translation for Takagi (WO200181660).

Independent claim 1 has been amended to further clarify that the metal wire that is used in combination with the graphite rod does not receive electrical current through it. Instead, the metal wire that is wrapped around the graphite rod without touching the graphite rod acts as a catalyst for the diamond deposition when it receives the radiated heat from the graphite rod, which is electrically charged. The wire-wrapped graphite rod enables low temperature diamond deposition onto substances such as plastic at temperatures below 350C. Support for the amendment is found in the specification on page 4, lines 21-23, page 5, lines 22-31, and page 6, lines 19-23. Neither the cited art of Takagi or Cann disclose or suggest wrapping the graphite rod with a catalytic metal wire that does not pass electrical current and that does not contact the graphite rod itself.

If any formal matters remain after this response, Applicants' attorney would appreciate a telephone call to attend to these matters.

In view of the foregoing, this application is believed to be in condition for allowance, the notice of which is respectfully requested.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Stephen H. Shaw', written over a horizontal line.

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If the Examiner is unable to reach the Applicant(s) Attorney at the telephone number provided, the Examiner is requested to communicate with Eastman Kodak Company Patent Operations at (585) 477-4656.